

From: Flood, Michele
Sent: Monday, July 21, 2003 9:26 AM
To: STIC-ILL
Subject: Following articles needed. Mailbox 11d13. Thank you.

RC660.A1D4

10/085,849

Diabetes (1998), Vol. 47(9): 1426-1435. Weinhaus, AJ et al. Role of cAMP in upregulation of insulin secretion during the adaptation of islets of Langerhans to pregnancy. *****

Diabetes (1997), Vol. 46(4): 615-621. Ding, Wei-Guang et al. Protein kinase A-dependent stimulation of exocytosis in mouse pancreatic beta-cell by glucose-dependent insulinotropic polypeptide. *****

Diabetes (1997), Vol. 46(4): 968-77. Hohmeier HE et al., Regulation of insulin secretion from novel engineered insulinoma cell lines.

Diabetes (1987), 36(4): 440-446. Hill RS et al. Increase in cyclic AMP levels in beta-cell line potentiates insulin secretion without altering cytosolic free-calcium concentration. *****

Diabetes (1982), 31(3): 189-93. Spiess Y et al. Superfusion of dissociated pancreatic islet cells attached to Cytodex beads. ****

Endocrinology (1996), Vol. 137(8): 3375-3385. Laychock et al. Epiandrosterone and dehydroepiandrosterone affect glucose oxidation and interleukin-1-beta effects in pancreatic islets. *****

Endocrinology (1990), Vol. 127(6): 2779-2788. Clark SA et al. Modulations of glucose-induced insulin secretion from a rat clonal beta-cell line. ****

Molecular and Cellular Endocrinology (1982), 28(3): 425-37. Kohnert, KD et al. Effects of 3-isobutyl-1-methylxanthine on neonatal pancreatic islets maintained in tissue culture. ****

Endocrinology (1980), Vol. 106(2): 430-433. Mandarino L et al. Stimulation of insulin release in the absence of extracellular calcium by isobutylmethyl xanthine and its inhibition by somatostatin.

Biochemical Society Transactions (8/1997), 25(3): 401S. Young ME et al. Zaprinast raises glucose utilisation in SHR skeletal muscle.

29th Spring Meeting of the Deutsche Gesellschaft Fuer Pharmakologie Und Toxikologie (German Society for Pharmacology and Toxicology), March 8-11, 1988. Naunyn-Schmiedeberg's Arch Pharmacol (1977), 337 (Suppl), R83. Verspohl EJ. Effect of atrial natriuretic peptide ANP and Zaprinast W and B-22948 Cycli GMP phosphodiesterase inhibitor on insulin secretion in-vitro role of cyclic GMP.

British J of Pharmacology (1995), Vol 115 (8): 1486-1492. Shafiee-Nick, R et al. Effects of type-selective phosphodiesterase inhibitors on glucose-induced insulin secretion and islet phosphodiesterase activity.

Endocrine Research (1993), Vol, 19(4): 273-285. Ohno T et al. Genistein augments cyclic adenosine 3'5'-monophosphate (cAMP) accumulation and insulin release in MIN6 cells.

Biophysics Journal (1993), Vol 64(2) Part 2, pp A192. Gillis, K et al. CAMP enhancing maneuvers increase calcium-dependent granule exocytosis in pancreatic beta cells.

65th Annual Meeting of the Japanese Pharmacological Society, Sendai, Japan, March 22-25, 1992. Jpn J Pharmacol, (1992), 59 (Suppl 1), 127P. Iwatsuki K et al. Effects of cyclic nucleotide phosphodiesterase inhibitors on pancreatic exocrine secretion in anesthetized dogs.

Eur J Pharmacol (1991), 209 (1-2): 63-68. Effects of the cyclic nucleotide phosphodiesterase inhibitors rolipam, 3 isobutyl-1-methylxanthine amrinone and zaprinast on pancreatic exocrine secretion in dogs.

IBMX

From: Flood, Michele
Sent: Monday, July 21, 2003 9:26 AM
To: STIC-ILL
Subject: Following articles needed. Mailbox 11d13. Thank you.

10/085,849

Diabetes (1998), Vol. 47(9): 1426-1435. Weinhaus, AJ et al. Role of cAMP in upregulation of insulin secretion during the adaptation of islets of Langerhans to pregnancy. *****

Diabetes (1997), Vol. 46(4): 615-621. Ding, Wei-Guang et al. Protein kinase A-dependent stimulation of exocytosis in mouse pancreatic beta-cell by glucose-dependent insulinotropic polypeptide. *****

Diabetes (1997), Vol. 46(4): 968-77. Hohmeier HE et al., Regulation of insulin secretion from novel engineered insulinoma cell lines.

Diabetes (1987), 36(4): 440-446. Hill RS et al. Increase in cyclic AMP levels in beta-cell line potentiates insulin secretion without altering cytosolic free-calcium concentration. *****

Diabetes (1982), 31(3): 189-93. Spiess Y et al. Superfusion of dissociated pancreatic islet cells attached to Cytodex beads. ****

Endocrinology (1996), Vol. 137(8): 3375-3385. Laychock et al. Epiandrosterone and dehydroepiandrosterone affect glucose oxidation and interleukin-1-beta effects in pancreatic islets. *****

Endocrinology (1990), Vol. 127(6): 2779-2788. Clark SA et al. Modulations of glucose-induced insulin secretion from a rat clonal beta-cell line. ****

Molecular and Cellular Endocrinology (1982), 28(3): 425-37. Kohnert, KD et al. Effects of 3-isobutyl-1-methylxanthine on neonatal pancreatic islets maintained in tissue culture. ****

Endocrinology (1980), Vol. 106(2): 430-433. Mandarino L et al. Stimulation of insulin release in the absence of extracellular calcium by isobutylmethyl xanthine and its inhibition by somatostatin.

Biochemical Society Transactions (8/1997), 25(3): 401S. Young ME et al. Zaprinast raises glucose utilisation in SHR skeletal muscle.

29th Spring Meeting of the Deutsche Gesellschaft Fuer Pharmakologie Und Toxikologie (German Society for Pharmacology and Toxicology), March 8-11, 1988. Naunyn-Schmiedeberg's Arch Pharmacol (1977), 337 (Suppl), R83. Verspohl EJ. Effect of atrial natriuretic peptide ANP and Zaprinast W and B-22948 Cyclic GMP phosphodiesterase inhibitor on insulin secretion in-vitro role of cyclic GMP.

British J of Pharmacology (1995), Vol 115 (8): 1486-1492. Shafiee-Nick, R et al. Effects of type-selective phosphodiesterase inhibitors on glucose-induced insulin secretion and islet phosphodiesterase activity.

Endocrine Research (1993), Vol, 19(4): 273-285. Ohno T et al. Genistein augments cyclic adenosine 3'5'-monophosphate (cAMP) accumulation and insulin release in MIN6 cells.

Biophysics Journal (1993), Vol 64(2) Part 2, pp A192. Gillis, K et al. CAMP enhancing maneuvers increase calcium-dependent granule exocytosis in pancreatic beta cells.

65th Annual Meeting of the Japanese Pharmacological Society, Sendai, Japan, March 22-25, 1992. Jpn J Pharmacol, (1992), 59 (Suppl 1), 127P. Iwatsuki K et al. Effects of cyclic nucleotide phosphodiesterase inhibitors on pancreatic exocrine secretion in anesthetized dogs.

Eur J Pharmacol (1991), 209 (1-2): 63-68. Effects of the cyclic nucleotide phosphodiesterase inhibitors rolipam, 3 isobutyl-1-methylxanthine amrinone and zaprinast on pancreatic exocrine secretion in dogs.

STIC-ILL

NPL
Micro

From: Flood, Michele
Sent: Monday, July 21, 2003 9:26 AM
To: STIC-ILL
Subject: Following articles needed. Mailbox 11d13. Thank you.

RC660-A1 D4

10/085,849

Diabetes (1998), Vol. 47(9): 1426-1435. Weinhaus, AJ et al. Role of cAMP in upregulation of insulin secretion during the adaptation of islets of Langerhans to pregnancy. *****

Diabetes (1997), Vol. 46(4): 615-621. Ding, Wei-Guang et al. Protein kinase A-dependent stimulation of exocytosis in mouse pancreatic beta-cell by glucose-dependent insulinotropic polypeptide.. *****

Diabetes (1997), Vol. 46(4): 968-77. Hohmeier HE et al., Regulation of insulin secretion from novel engineered insulinoma cell lines.

Diabetes (1987), 36(4): 440-446. Hill RS et al. Increase in cyclic AMP levels in beta-cell line potentiates insulin secretion without altering cytosolic free-calcium concentration. *****

Diabetes (1982), 31(3): 189-93. Spiess Y et al. Superfusion of dissociated pancreatic islet cells attached to Cytodex beads. ****

Endocrinology (1996), Vol. 137(8): 3375-3385. Laychock et al. Epiandrosterone and dehydroepiandrosterone affect glucose oxidation and interleukin-1-beta effects in pancreatic islets.. *****

Endocrinology (1990), Vol. 127(6): 2779-2788. Clark SA et al. Modulations of glucose-induced insulin secretion from a rat clonal beta-cell line. ****

Molecular and Cellular Endocrinology (1982), 28(3): 425-37. Kohnert, KD et al. Effects of 3-isobutyl-1-methylxanthine on neonatal pancreatic islets maintained in tissue culture. ****

Endocrinology (1980), Vol. 106(2): 430-433. Mandarino L et al. Stimulation of insulin release in the absence of extracellular calcium by isobutylmethyl xanthine and its inhibition by somatostatin.

Biochemical Society Transactions (8/1997), 25(3): 401S. Young ME et al. Zaprinast raises glucose utilisation in SHR skeletal muscle.

29th Spring Meeting of the Deutsche Gesellschaft Fuer Pharmakologie Und Toxikologie (German Society for Pharmacology and Toxicology), March 8-11, 1988. Naunyn-Schmiedeberg's Arch Pharmacol (1977), 337 (Suppl), R83. Verspohl EJ. Effect of atrial natriuretic peptide ANP and Zaprinast W and B-22948 Cycli GMP phosphodiesterase inhibitor on insulin secretion in-vitro role of cyclic GMP.

British J of Pharmacology (1995), Vol 115 (8): 1486-1492. Shafiee-Nick, R et al. Effects of type-selective phosphodiesterase inhibitors on glucose-induced insulin secretion and islet phosphodiesterase activity.

Endocrine Research (1993), Vol, 19(4): 273-285. Ohno T et al. Genistein augments cyclic adenosine 3'5'-monophosphate (cAMP) accumulation and insulin release in MIN6 cells.

Biophysics Journal (1993), Vol 64(2) Part 2, pp A192. Gillis, K et al. CAMP enhancing maneuvers increase calcium-dependent granule exocytosis in pancreatic beta cells.

65th Annual Meeting of the Japanese Pharmacological Society, Sendai, Japan, March 22-25, 1992. Jpn J Pharmacol, (1992), 59 (Suppl 1), 127P. Iwatsuki K et al. Effects of cyclic nucleotide phosphodiesterase inhibitors on pancreatic exocrine secretion in anesthetized dogs.

Eur J Pharmacol (1991), 209 (1-2): 63-68. Effects of the cyclic nucleotide phosphodiesterase inhibitors rolipam, 3 isobutyl-1-methylxanthine amrinone and zaprinast on pancreatic exocrine secretion in dogs.

Islet regulation

From: Flood, Michele
Sent: Monday, July 21, 2003 9:26 AM
To: STIC-ILL
Subject: Following articles needed. Mailbox 11d13. Thank you.

10/085,849

Diabetes (1998), Vol. 47(9): 1426-1435. Weinhaus, AJ et al. Role of cAMP in upregulation of insulin secretion during the adaptation of islets of Langerhans to pregnancy. *****

Diabetes (1997), Vol. 46(4): 615-621. Ding, Wei-Guang et al. Protein kinase A-dependent stimulation of exocytosis in mouse pancreatic beta-cell by glucose-dependent insulinotropic polypeptide. *****

Diabetes (1997), Vol. 46(4): 968-77. Hohmeier HE et al., Regulation of insulin secretion from novel engineered insulinoma cell lines.

Diabetes (1987), 36(4): 440-446. Hill RS et al. Increase in cyclic AMP levels in beta-cell line potentiates insulin secretion without altering cytosolic free-calcium concentration. *****

Diabetes (1982), 31(3): 189-93. Spiess Y et al. Superfusion of dissociated pancreatic islet cells attached to Cytodex beads. ****

Endocrinology (1996), Vol. 137(8): 3375-3385. Laychock et al. Epiandrosterone and dehydroepiandrosterone affect glucose oxidation and interleukin-1-beta effects in pancreatic islets. *****

Endocrinology (1990), Vol. 127(6): 2779-2788. Clark SA et al. Modulations of glucose-induced insulin secretion from a rat clonal beta-cell line. ****

Molecular and Cellular Endocrinology (1982), 28(3): 425-37. Kohnert, KD et al. Effects of 3-isobutyl-1-methylxanthine on neonatal pancreatic islets maintained in tissue culture. ****

Endocrinology (1980), Vol. 106(2): 430-433. Mandarino L et al. Stimulation of insulin release in the absence of extracellular calcium by isobutylmethyl xanthine and its inhibition by somatostatin.

Biochemical Society Transactions (8/1997), 25(3): 401S. Young ME et al. Zaprinast raises glucose utilisation in SHR skeletal muscle.

29th Spring Meeting of the Deutsche Gesellschaft Fuer Pharmakologie Und Toxikologie (German Society for Pharmacology and Toxicology), March 8-11, 1988. Naunyn-Schmiedeberg's Arch Pharmacol (1977), 337 (Suppl), R83. Verspohl EJ. Effect of atrial natriuretic peptide ANP and Zaprinast W and B-22948 Cyclic GMP phosphodiesterase inhibitor on insulin secretion in-vitro role of cyclic GMP.

British J of Pharmacology (1995), Vol 115 (8): 1486-1492. Shafiee-Nick, R et al. Effects of type-selective phosphodiesterase inhibitors on glucose-induced insulin secretion and islet phosphodiesterase activity.

Endocrine Research (1993), Vol, 19(4): 273-285. Ohno T et al. Genistein augments cyclic adenosine 3'5'-monophosphate (cAMP) accumulation and insulin release in MIN6 cells.

Biophysics Journal (1993), Vol 64(2) Part 2, pp A192. Gillis, K et al. cAMP enhancing maneuvers increase calcium-dependent granule exocytosis in pancreatic beta cells.

65th Annual Meeting of the Japanese Pharmacological Society, Sendai, Japan, March 22-25, 1992. Jpn J Pharmacol, (1992), 59 (Suppl 1), 127P. Iwatsuki K et al. Effects of cyclic nucleotide phosphodiesterase inhibitors on pancreatic exocrine secretion in anesthetized dogs.

Eur J Pharmacol (1991), 209 (1-2): 63-68. Effects of the cyclic nucleotide phosphodiesterase inhibitors rolipam, 3 isobutyl-1-methylxanthine amrinone and zaprinast on pancreatic exocrine secretion in dogs.

From: Flood, Michele
Sent: Monday, July 21, 2003 9:26 AM
To: STIC-ILL
Subject: Following articles needed. Mailbox 11d13. Thank you.

10/085,849

Diabetes (1998), Vol. 47(9): 1426-1435. Weinhaus, AJ et al. Role of cAMP in upregulation of insulin secretion during the adaptation of islets of Langerhans to pregnancy. *****

Diabetes (1997), Vol. 46(4): 615-621. Ding, Wei-Guang et al. Protein kinase A-dependent stimulation of exocytosis in mouse pancreatic beta-cell by glucose-dependent insulinotropic polypeptide. *****

Diabetes (1997), Vol. 46(4): 968-77. Hohmeier HE et al., Regulation of insulin secretion from novel engineered insulinoma cell lines.

Diabetes (1987), 36(4): 440-446. Hill RS et al. Increase in cyclic AMP levels in beta-cell line potentiates insulin secretion without altering cytosolic free-calcium concentration. *****

Diabetes (1982), 31(3): 189-93. Spiess Y et al. Superfusion of dissociated pancreatic islet cells attached to Cytodex beads. *****

Endocrinology (1996), Vol. 137(8): 3375-3385. Laychock et al. Epiandrosterone and dehydroepiandrosterone affect glucose oxidation and interleukin-1-beta effects in pancreatic islets. *****

Endocrinology (1990), Vol. 127(6): 2779-2788. Clark SA et al. Modulations of glucose-induced insulin secretion from a rat clonal beta-cell line. ****

Molecular and Cellular Endocrinology (1982), 28(3): 425-37. Kohnert, KD et al. Effects of 3-isobutyl-1-methylxanthine on neonatal pancreatic islets maintained in tissue culture. ****

Endocrinology (1980), Vol. 106(2): 430-433. Mandarino L et al. Stimulation of insulin release in the absence of extracellular calcium by isobutylmethyl xanthine and its inhibition by somatostatin.

Biochemical Society Transactions (8/1997), 25(3): 401S. Young ME et al. Zaprinast raises glucose utilisation in SHR skeletal muscle.

29th Spring Meeting of the Deutsche Gesellschaft Fuer Pharmakologie Und Toxikologie (German Society for Pharmacology and Toxicology), March 8-11, 1988. Naunyn-Schmiedeberg's Arch Pharmacol (1977), 337 (Suppl), R83. Verspohl EJ. Effect of atrial natriuretic peptide ANP and Zaprinast W and B-22948 Cycli GMP phosphodiesterase inhibitor on insulin secretion in-vitro role of cyclic GMP.

British J of Pharmacology (1995), Vol 115 (8): 1486-1492. Shafiee-Nick, R et al. Effects of type-selective phosphodiesterase inhibitors on glucose-induced insulin secretion and islet phosphodiesterase activity.

Endocrine Research (1993), Vol, 19(4): 273-285. Ohno T et al. Genistein augments cyclic adenosine 3'5'-monophosphate (cAMP) accumulation and insulin release in MIN6 cells.

Biophysics Journal (1993), Vol 64(2) Part 2, pp A192. Gillis, K et al. CAMP enhancing maneuvers increase calcium-dependent granule exocytosis in pancreatic beta cells.

65th Annual Meeting of the Japanese Pharmacological Society, Sendai, Japan, March 22-25, 1992. Jpn J Pharmacol, (1992), 59 (Suppl 1), 127P. Iwatsuki K et al. Effects of cyclic nucleotide phosphodiesterase inhibitors on pancreatic exocrine secretion in anesthetized dogs.

Eur J Pharmacol (1991), 209 (1-2): 63-68. Effects of the cyclic nucleotide phosphodiesterase inhibitors rolipam, 3 isobutyl-1-methylxanthine amrinone and zaprinast on pancreatic exocrine secretion in dogs.

From: Flood, Michele
Sent: Monday, July 21, 2003 9:26 AM
To: STIC-ILL
Subject: Following articles needed. Mailbox 11d13. Thank you.

Adonis

10/085,849

Diabetes (1998), Vol. 47(9): 1426-1435. Weinhaus, AJ et al. Role of cAMP in upregulation of insulin secretion during the adaptation of islets of Langerhans to pregnancy. *****

Diabetes (1997), Vol. 46(4): 615-621. Ding, Wei-Guang et al. Protein kinase A-dependent stimulation of exocytosis in mouse pancreatic beta-cell by glucose-dependent insulinotropic polypeptide. *****

Diabetes (1997), Vol. 46(4): 968-77. Hohmeier HE et al., Regulation of insulin secretion from novel engineered insulinoma cell lines.

Diabetes (1987), 36(4): 440-446. Hill RS et al. Increase in cyclic AMP levels in beta-cell line potentiates insulin secretion without altering cytosolic free-calcium concentration. *****

Diabetes (1982), 31(3): 189-93. Spiess Y et al. Superfusion of dissociated pancreatic islet cells attached to Cytodex beads. ****

Endocrinology (1996), Vol. 137(8): 3375-3385. Laychock et al. Epiandrosterone and dehydroepiandrosterone affect glucose oxidation and interleukin-1-beta effects in pancreatic islets. *****

Endocrinology (1990), Vol. 127(6): 2779-2788. Clark SA et al. Modulations of glucose-induced insulin secretion from a rat clonal beta-cell line. ****

Molecular and Cellular Endocrinology (1982), 28(3): 425-37. Kohnert, KD et al. Effects of 3-isobutyl-1-methylxanthine on neonatal pancreatic islets maintained in tissue culture. ****

Endocrinology (1980), Vol. 106(2): 430-433. Mandarino L et al. Stimulation of insulin release in the absence of extracellular calcium by isobutylmethyl xanthine and its inhibition by somatostatin.

Biochemical Society Transactions (8/1997), 25(3): 401S. Young ME et al. Zaprinast raises glucose utilisation in SHR skeletal muscle.

29th Spring Meeting of the Deutsche Gesellschaft Fuer Pharmakologie Und Toxikologie (German Society for Pharmacology and Toxicology), March 8-11, 1988. Naunyn-Schmiedeberg's Arch Pharmacol (1977), 337 (Suppl), R83. Verspohl EJ. Effect of atrial natriuretic peptide ANP and Zaprinast W and B-22948 Cyclic GMP phosphodiesterase inhibitor on insulin secretion in-vitro role of cyclic GMP.

British J of Pharmacology (1995), Vol 115 (8): 1486-1492. Shafiee-Nick, R et al. Effects of type-selective phosphodiesterase inhibitors on glucose-induced insulin secretion and islet phosphodiesterase activity.

Endocrine Research (1993), Vol, 19(4): 273-285. Ohno T et al. Genistein augments cyclic adenosine 3'5'-monophosphate (cAMP) accumulation and insulin release in MIN6 cells.

Biophysics Journal (1993), Vol 64(2) Part 2, pp A192. Gillis, K et al. CAMP enhancing maneuvers increase calcium-dependent granule exocytosis in pancreatic beta cells.

65th Annual Meeting of the Japanese Pharmacological Society, Sendai, Japan, March 22-25, 1992. Jpn J Pharmacol, (1992), 59 (Suppl 1), 127P. Iwatsuki K et al. Effects of cyclic nucleotide phosphodiesterase inhibitors on pancreatic exocrine secretion in anesthetized dogs.

Eur J Pharmacol (1991), 209 (1-2): 63-68. Effects of the cyclic nucleotide phosphodiesterase inhibitors rolipam, 3 isobutyl-1-methylxanthine amrinone and zaprinast on pancreatic exocrine secretion in dogs.

STIC-ILL

Method of ID of inhibitors of PDEIC
and methods of treatment
of diabetes AP187 A1E5

From: Flood, Michele
Sent: Monday, July 21, 2003 9:26 AM
To: STIC-ILL
Subject: Following articles needed. Mailbox 11d13. Thank you.

10/085,849

Diabetes (1998), Vol. 47(9): 1426-1435. Weinhaus, AJ et al. Role of cAMP in upregulation of insulin secretion during the adaptation of islets of Langerhans to pregnancy. *****

Diabetes (1997), Vol. 46(4): 615-621. Ding, Wei-Guang et al. Protein kinase A-dependent stimulation of exocytosis in mouse pancreatic beta-cell by glucose-dependent insulinotropic polypeptide. *****

Diabetes (1997), Vol. 46(4): 968-77. Hohmeier HE et al., Regulation of insulin secretion from novel engineered insulinoma cell lines.

Diabetes (1987), 36(4): 440-446. Hill RS et al. Increase in cyclic AMP levels in beta-cell line potentiates insulin secretion without altering cytosolic free-calcium concentration. *****

Diabetes (1982), 31(3): 189-93. Spiess Y et al. Superfusion of dissociated pancreatic islet cells attached to Cytodex beads. ****

Endocrinology (1996), Vol. 137(8): 3375-3385. Laychock et al. Epiandrosterone and dehydroepiandrosterone affect glucose oxidation and interleukin-1-beta effects in pancreatic islets. *****

Endocrinology (1990), Vol. 127(6): 2779-2788. Clark SA et al. Modulations of glucose-induced insulin secretion from a rat clonal beta-cell line. ****

Molecular and Cellular Endocrinology (1982), 28(3): 425-37. Kohnert, KD et al. Effects of 3-isobutyl-1-methylxanthine on neonatal pancreatic islets maintained in tissue culture. ****

Endocrinology (1980), Vol. 106(2): 430-433. Mandarino L et al. Stimulation of insulin release in the absence of extracellular calcium by isobutylmethyl xanthine and its inhibition by somatostatin.

Biochemical Society Transactions (8/1997), 25(3): 401S. Young ME et al. Zaprinast raises glucose utilisation in SHR skeletal muscle.

29th Spring Meeting of the Deutsche Gesellschaft Fuer Pharmakologie Und Toxikologie (German Society for Pharmacology and Toxicology), March 8-11, 1988. Naunyn-Schmiedeberg's Arch Pharmacol (1977), 337 (Suppl), R83. Verspohl EJ. Effect of atrial natriuretic peptide ANP and Zaprinast W and B-22948 Cyclic GMP phosphodiesterase inhibitor on insulin secretion in-vitro role of cyclic GMP.

British J of Pharmacology (1995), Vol 115 (8): 1486-1492. Shafiee-Nick, R et al. Effects of type-selective phosphodiesterase inhibitors on glucose-induced insulin secretion and islet phosphodiesterase activity.

Endocrine Research (1993), Vol, 19(4): 273-285. Ohno T et al. Genistein augments cyclic adenosine 3'5'-monophosphate (cAMP) accumulation and insulin release in MIN6 cells.

Biophysics Journal (1993), Vol 64(2) Part 2, pp A192. Gillis, K et al. CAMP enhancing maneuvers increase calcium-dependent granule exocytosis in pancreatic beta cells.

65th Annual Meeting of the Japanese Pharmacological Society, Sendai, Japan, March 22-25, 1992. Jpn J Pharmacol, (1992), 59 (Suppl 1), 127P. Iwatsuki K et al. Effects of cyclic nucleotide phosphodiesterase inhibitors on pancreatic exocrine secretion in anesthetized dogs.

Eur J Pharmacol (1991), 209 (1-2): 63-68. Effects of the cyclic nucleotide phosphodiesterase inhibitors rolipam, 3 isobutyl-1-methylxanthine amrinone and zaprinast on pancreatic exocrine secretion in dogs.

From: Flood, Michele
Sent: Monday, July 21, 2003 9:26 AM
To: STIC-ILL
Subject: Following articles needed. Mailbox 11d13. Thank you.

10/085,849

Diabetes (1998), Vol. 47(9): 1426-1435. Weinhaus, AJ et al. Role of cAMP in upregulation of insulin secretion during the adaptation of islets of Langerhans to pregnancy. *****

Diabetes (1997), Vol. 46(4): 615-621. Ding, Wei-Guang et al. Protein kinase A-dependent stimulation of exocytosis in mouse pancreatic beta-cell by glucose-dependent insulinotropic polypeptide. *****

Diabetes (1997), Vol. 46(4): 968-77. Hohmeier HE et al., Regulation of insulin secretion from novel engineered insulinoma cell lines.

Diabetes (1987), 36(4): 440-446. Hill RS et al. Increase in cyclic AMP levels in beta-cell line potentiates insulin secretion without altering cytosolic free-calcium concentration. *****

Diabetes (1982), 31(3): 189-93. Spiess Y et al. Superfusion of dissociated pancreatic islet cells attached to Cytodex beads. ****

Endocrinology (1996), Vol. 137(8): 3375-3385. Laychock et al. Epiandrosterone and dehydroepiandrosterone affect glucose oxidation and interleukin-1-beta effects in pancreatic islets. *****

Endocrinology (1990), Vol. 127(6): 2779-2788. Clark SA et al. Modulations of glucose-induced insulin secretion from a rat clonal beta-cell line. ****

Molecular and Cellular Endocrinology (1982), 28(3): 425-37. Kohnert, KD et al. Effects of 3-isobutyl-1-methylxanthine on neonatal pancreatic islets maintained in tissue culture. ****

Endocrinology (1980), Vol. 106(2): 430-433. Mandarino L et al. Stimulation of insulin release in the absence of extracellular calcium by isobutylmethyl xanthine and its inhibition by somatostatin.

Biochemical Society Transactions (8/1997), 25(3): 401S. Young ME et al. Zaprinast raises glucose utilisation in SHR skeletal muscle.

29th Spring Meeting of the Deutsche Gesellschaft Fuer Pharmakologie Und Toxikologie (German Society for Pharmacology and Toxicology), March 8-11, 1988. Naunyn-Schmiedeberg's Arch Pharmacol (1977), 337 (Suppl), R83. Verspohl EJ. Effect of atrial natriuretic peptide ANP and Zaprinast W and B-22948 Cyclic GMP phosphodiesterase inhibitor on insulin secretion in-vitro role of cyclic GMP.

British J of Pharmacology (1995), Vol 115 (8): 1486-1492. Shafiee-Nick, R et al. Effects of type-selective phosphodiesterase inhibitors on glucose-induced insulin secretion and islet phosphodiesterase activity.

Endocrine Research (1993), Vol, 19(4): 273-285. Ohno T et al. Genistein augments cyclic adenosine 3'5'-monophosphate (cAMP) accumulation and insulin release in MIN6 cells.

Biophysics Journal (1993), Vol 64(2) Part 2, pp A192. Gillis, K et al. CAMP enhancing maneuvers increase calcium-dependent granule exocytosis in pancreatic beta cells.

65th Annual Meeting of the Japanese Pharmacological Society, Sendai, Japan, March 22-25, 1992. Jpn J Pharmacol, (1992), 59 (Suppl 1), 127P. Iwatsuki K et al. Effects of cyclic nucleotide phosphodiesterase inhibitors on pancreatic exocrine secretion in anesthetized dogs.

Eur J Pharmacol (1991), 209 (1-2): 63-68. Effects of the cyclic nucleotide phosphodiesterase inhibitors rolipam, 3 isobutyl-1-methylxanthine amrinone and zaprinast on pancreatic exocrine secretion in dogs.

STIC-ILL

From:
Sent:
To:
Subject:

Flood, Michele
Monday, July 21, 2003 9:26 AM
STIC-ILL
Following articles needed. Mailbox 11d13. Thank you.

10/085,849

Diabetes (1998), Vol. 47(9): 1426-1435. Weinhaus, AJ et al. Role of cAMP in upregulation of insulin secretion during the adaptation of islets of Langerhans to pregnancy. ****

Diabetes (1997), Vol. 46(4): 615-621. Ding, Wei-Guang et al. Protein kinase A-dependent stimulation of exocytosis in mouse pancreatic beta-cell by glucose-dependent insulinotropic polypeptide. ****

Diabetes (1997), Vol. 46(4): 968-77. Hohmeier HE et al., Regulation of insulin secretion from novel engineered insulinoma cell lines.

Diabetes (1987), 36(4): 440-446. Hill RS et al. Increase in cyclic AMP levels in beta-cell line potentiates insulin secretion without altering cytosolic free-calcium concentration. ****

Diabetes (1982), 31(3): 189-93. Spiess Y et al. Superfusion of dissociated pancreatic islet cells attached to Cytodex beads. ****

Endocrinology (1996), Vol. 137(8): 3375-3385. Laychock et al. Epiandrosterone and dehydroepiandrosterone affect glucose oxidation and interleukin-1-beta effects in pancreatic islets. ****

Endocrinology (1990), Vol. 127(6): 2779-2788. Clark SA et al. Modulations of glucose-induced insulin secretion from a rat clonal beta-cell line. ****

Molecular and Cellular Endocrinology (1982), 28(3): 425-37. Kohnert, KD et al. Effects of 3-isobutyl-1-methylxanthine on neonatal pancreatic islets maintained in tissue culture. ****

Endocrinology (1980), Vol. 106(2): 430-433. Mandarino L et al. Stimulation of insulin release in the absence of extracellular calcium by isobutylmethyl xanthine and its inhibition by somatostatin.

Biochemical Society Transactions (8/1997), 25(3): 401S. Young ME et al. Zaprinast raises glucose utilisation in SHR skeletal muscle.

29th Spring Meeting of the Deutsche Gesellschaft Fuer Pharmakologie Und Toxikologie (German Society for Pharmacology and Toxicology), March 8-11, 1988. Naunyn-Schmiedeberg's Arch Pharmacol (1977), 337 (Suppl), R83. Verspohl EJ. Effect of atrial natriuretic peptide ANP and Zaprinast W and B-22948 Cyclic GMP phosphodiesterase inhibitor on insulin secretion in-vitro role of cyclic GMP.

British J of Pharmacology (1995), Vol 115 (8): 1486-1492. Shafiee-Nick, R et al. Effects of type-selective phosphodiesterase inhibitors on glucose-induced insulin secretion and islet phosphodiesterase activity.

Endocrine Research (1993), Vol, 19(4): 273-285. Ohno T et al. Genistein augments cyclic adenosine 3'5'-monophosphate (cAMP) accumulation and insulin release in MIN6 cells.

Biophysics Journal (1993), Vol 64(2) Part 2, pp A192. Gillis, K et al. CAMP enhancing maneuvers increase calcium-dependent granule exocytosis in pancreatic beta cells.

65th Annual Meeting of the Japanese Pharmacological Society, Sendai, Japan, March 22-25, 1992. Jpn J Pharmacol, (1992) 59 (Suppl 1), 127P. Iwatsuki K et al. Effects of cyclic nucleotide phosphodiesterase inhibitors on pancreatic exocrine secretion in anesthetized dogs.

Eur J Pharmacol (1991), 209 (1-2): 63-68. Effects of the cyclic nucleotide phosphodiesterase inhibitors rolipam, 3 isobutyl-1-methylxanthine amrinone and zaprinast on pancreatic exocrine secretion in dogs.

teaches against

STIC-ILL

456,008 NO

From:
Sent:
To:
Subject:

Flood, Michele
Monday, July 21, 2003 9:26 AM
STIC-ILL
Following articles needed. Mailbox 11d13. Thank you.

10/085,849

Diabetes (1998), Vol. 47(9): 1426-1435. Weinhaus, AJ et al. Role of cAMP in upregulation of insulin secretion during the adaptation of islets of Langerhans to pregnancy. *****

Diabetes (1997), Vol. 46(4): 615-621. Ding, Wei-Guang et al. Protein kinase A-dependent stimulation of exocytosis in mouse pancreatic beta-cell by glucose-dependent insulinotropic polypeptide. *****

Diabetes (1997), Vol. 46(4): 968-77. Hohmeier HE et al., Regulation of insulin secretion from novel engineered insulinoma cell lines.

Diabetes (1987), 36(4): 440-446. Hill RS et al. Increase in cyclic AMP levels in beta-cell line potentiates insulin secretion without altering cytosolic free-calcium concentration. *****

Diabetes (1982), 31(3): 189-93. Spiess Y et al. Superfusion of dissociated pancreatic islet cells attached to Cytodex beads. ****

Endocrinology (1996), Vol. 137(8): 3375-3385. Laychock et al. Epiandrosterone and dehydroepiandrosterone affect glucose oxidation and interleukin-1-beta effects in pancreatic islets. *****

Endocrinology (1990), Vol. 127(6): 2779-2788. Clark SA et al. Modulations of glucose-induced insulin secretion from a rat clonal beta-cell line. ****

Molecular and Cellular Endocrinology (1982), 28(3): 425-37. Kohnert, KD et al. Effects of 3-isobutyl-1-methylxanthine on neonatal pancreatic islets maintained in tissue culture. ****

Endocrinology (1980), Vol. 106(2): 430-433. Mandarino L et al. Stimulation of insulin release in the absence of extracellular calcium by isobutylmethyl xanthine and its inhibition by somatostatin.

Biochemical Society Transactions (8/1997), 25(3): 401S. Young ME et al. Zaprinast raises glucose utilisation in SHR skeletal muscle.

29th Spring Meeting of the Deutsche Gesellschaft Fuer Pharmakologie Und Toxikologie (German Society for Pharmacology and Toxicology), March 8-11, 1988. Naunyn-Schmiedeberg's Arch Pharmacol (1977), 337 (Suppl), R83. Verspohl EJ. Effect of atrial natriuretic peptide ANP and Zaprinast W and B-22948 Cyclic GMP phosphodiesterase inhibitor on insulin secretion in-vitro role of cyclic GMP.

British J of Pharmacology (1995), Vol 115 (8): 1486-1492. Shafiee-Nick, R et al. Effects of type-selective phosphodiesterase inhibitors on glucose-induced insulin secretion and islet phosphodiesterase activity.

Endocrine Research (1993), Vol, 19(4): 273-285. Ohno T et al. Genistein augments cyclic adenosine 3'5'-monophosphate (cAMP) accumulation and insulin release in MIN6 cells. 7508378

Biophysics Journal (1993), Vol 64(2) Part 2, pp A192. Gillis, K et al. CAMP enhancing maneuvers increase calcium-dependent granule exocytosis in pancreatic beta cells.

65th Annual Meeting of the Japanese Pharmacological Society, Sendai, Japan, March 22-25, 1992. Jpn J Pharmacol, (1992), 59 (Suppl 1), 127P. Iwatsuki K et al. Effects of cyclic nucleotide phosphodiesterase inhibitors on pancreatic exocrine secretion in anesthetized dogs.

Eur J Pharmacol (1991), 209 (1-2): 63-68. Effects of the cyclic nucleotide phosphodiesterase inhibitors rolipam, 3 isobutyl-1-methylxanthine amrinone and zaprinast on pancreatic exocrine secretion in dogs.

103 ex vivo

Claims 10, 13, 14

From: Flood, Michele
Sent: Monday, July 21, 2003 9:26 AM
To: STIC-ILL
Subject: Following articles needed. Mailbox 11d13. Thank you.

10/085,849

Diabetes (1998), Vol. 47(9): 1426-1435. Weinhaus, AJ et al. Role of cAMP in upregulation of insulin secretion during the adaptation of islets of Langerhans to pregnancy. *****

Diabetes (1997), Vol. 46(4): 615-621. Ding, Wei-Guang et al. Protein kinase A-dependent stimulation of exocytosis in mouse pancreatic beta-cell by glucose-dependent insulinotropic polypeptide.. *****

Diabetes (1997), Vol. 46(4): 968-77. Hohmeier HE et al., Regulation of insulin secretion from novel engineered insulinoma cell lines.

Diabetes (1987), 36(4): 440-446. Hill RS et al. Increase in cyclic AMP levels in beta-cell line potentiates insulin secretion without altering cytosolic free-calcium concentration. *****

Diabetes (1982), 31(3): 189-93. Spiess Y et al. Superfusion of dissociated pancreatic islet cells attached to Cytodex beads. ****

Endocrinology (1996), Vol. 137(8): 3375-3385. Laychock et al. Epiandrosterone and dehydroepiandrosterone affect glucose oxidation and interleukin-1-beta effects in pancreatic islets..*****

Endocrinology (1990), Vol. 127(6): 2779-2788. Clark SA et al. Modulations of glucose-induced insulin secretion from a rat clonal beta-cell line. ****

Molecular and Cellular Endocrinology (1982), 28(3): 425-37. Kohnert, KD et al. Effects of 3-isobutyl-1-methylxanthine on neonatal pancreatic islets maintained in tissue culture. ****

Endocrinology (1980), Vol. 106(2): 430-433. Mandarino L et al. Stimulation of insulin release in the absence of extracellular calcium by isobutylmethyl xanthine and its inhibition by somatostatin.

Biochemical Society Transactions (8/1997), 25(3): 401S. Young ME et al. Zaprinast raises glucose utilisation in SHR skeletal muscle.

29th Spring Meeting of the Deutsche Gesellschaft Fuer Pharmakologie Und Toxikologie (German Society for Pharmacology and Toxicology), March 8-11, 1988. Naunyn-Schmiedeberg's Arch Pharmacol (1977), 337 (Suppl), R83. Vrsposhl EJ. Effect of atrial natriuretic peptide ANP and Zaprinast W and B-22948 Cyclic GMP phosphodiesterase inhibitor on insulin secretion in-vitro role of cyclic GMP.

British J of Pharmacology (1995), Vol 115 (8): 1486-1492. Shafiee-Nick, R et al. Effects of type-selective phosphodiesterase inhibitors on glucose-induced insulin secretion and islet phosphodiesterase activity.

Endocrine Research (1993), Vol, 19(4): 273-285. Ohno T et al. Genistein augments cyclic adenosine 3'5'-monophosphate (cAMP) accumulation and insulin release in MIN6 cells.

Biophysics Journal (1993), Vol 64(2) Part 2, pp A192. Gillis, K et al. CAMP enhancing maneuvers increase calcium-dependent granule exocytosis in pancreatic beta cells.

65th Annual Meeting of the Japanese Pharmacological Society, Sendai, Japan, March 22-25, 1992. Jpn J Pharmacol, (1992), 59 (Suppl 1), 127P. Iwatsuki K et al. Effects of cyclic nucleotide phosphodiesterase inhibitors on pancreatic exocrine secretion in anesthetized dogs.

Eur J Pharmacol (1991), 209 (1-2): 63-68. Effects of the cyclic nucleotide phosphodiesterase inhibitors rolipam, 3 isobutyl-1-methylxanthine amrinone and zaprinast on pancreatic exocrine secretion in dogs.